

Om Dusane

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PROFESSIONAL SUMMARY

Full Stack Developer with experience in developing, deploying, and maintaining web applications. Skilled in Python, JavaScript, and Cloud technologies, with a strong foundation in database management and DevOps practices.

TECHNICAL SKILLS

Frameworks: Flask, FastAPI, Django, DRF, Node, Express, Tensorflow, Bootstrap, Appwrite, React

Web Technologies: Apache Kafka, Apache Airflow

Languages: Python, JavaScript, C++

Database: PostgreSQL, MySQL, MongoDB

Cloud: Azure, AWS, Docker, Jenkins

Tools: Linux, Git, Postman

EDUCATION

Pillai College of Engineering, New Panvel

Bachelor of Technology in Information Technology

Jan 2021 – May 2024

CGPA 8.9

EXPERIENCE

Jr. Python Developer

Psych X86 Technologies

Jul 2024 – Present

Navi Mumbai / Hybrid

- Developed a BPMN-based microservice for the Advantus application, enhancing workflow automation.
- Integrated Apache Kafka to enable event-driven architecture and streamline process execution.
- Designed and deployed Apache Airflow DAGs to automate and schedule complex workflows.
- Managed production server operations, ensuring high availability, reliability, and optimal performance.

Full Stack Python Developer Intern

PCE / Maharashtra Police

Jun 2022 – Jul 2024

Remote

- Developed 3 complete full-stack applications using Flask and Material Dashboard.
- Leveraged advanced Flask features such as Flask Blueprints, Flask-WTF, Flask-SQLAlchemy, and Flask-RESTful API.
- Implemented complex algorithms and database queries.
- Maintained and managed the production server, ensuring uptime and performance.

Cloud/DevOps Architect Intern

TCIA Global Pvt. Ltd.

Dec 2023 – Mar 2024

Navi Mumbai / Hybrid

- Managed customer environments in Public Cloud using Azure.
- Developed ARM templates for provisioning Azure VMs and storage accounts.
- Utilized various Azure services and Azure CLI for automation and management.
- Contributed to full-stack web app development using Flask.

PROJECTS

Media Flagger | *Python, Flask, Tensorflow, CNN, Glove Embeddings*

- Developed a Flask web app for media file flagging based on its contents.
- Implemented automatic classification using CNN model
- Integrated GloVe embeddings for enhanced NLP tasks
- Enabled multilabel classification for precise media tagging

CarSearch | *Python, Django REST Framework, ORM, Postman*

- Developed a Django REST API for managing and searching car listings.
- Implemented JWT, Access tokens, Refresh tokens for user authentication.
- Utilized custom permissions, throttling, and validators
- Implemented pagination, routers, and generic views.

Attendance System | *Python, OpenCv, Tkinter*

- Developed an automated attendance system using OpenCV for facial recognition.
- Implemented automated attendance marking and data management
- Utilized Haar cascade classifier for face detection.
- Built a user-friendly GUI with Tkinter